

## INTERNATIONAL SEARCH REPORT

Int'l Application No.  
PL, IT2004/000632A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B41J3/54 B41J3/407

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B41J G01G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 928 698 A (ZEBRA TECHNOLOGIES CORPORATION; ZIH CORPORATION) 14 July 1999 (1999-07-14) column 3, line 12 - line 55 column 11, line 1 - line 22; figure 8	1,7,8
A	GB 2 072 102 A (MAATSCHAPPIJ VAN BERKEL'S PATENT NV) 30 September 1981 (1981-09-30) page 1, line 22 - line 110; figure 3	2-6,9-13
X	US 2003/086740 A1 (MIYAJIMA TAKEO) 8 May 2003 (2003-05-08)	11,13
Y	page 1, paragraph 4 - paragraph 11; figure 4	1-8
A	US 2003/086740 A1 (MIYAJIMA TAKEO) 8 May 2003 (2003-05-08) page 1, paragraph 4 - paragraph 11; figure 4	9
A	EP 0 834 828 A (SEIKO EPSON CORPORATION) 8 April 1998 (1998-04-08) page 2, line 28 - line 31; figure 3	10
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*C\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&amp;\* document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

4 March 2005

11/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Joosting, T

## INTERNATIONAL SEARCH REPORT

In ~~ational Application No~~  
PCT/IT2004/000632

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 198 117 A (MATSUMOTO INC) 17 April 2002 (2002-04-17) claim 1; figures 2,3,5a,5b	1-13

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No  
PCT/IT2004/000632

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
EP 0928698	A 14-07-1999	US DE DE EP ES HK JP AU	6151037 A 69820019 D1 69820019 T2 0928698 A1 2212219 T3 1023313 A1 11286148 A 2893599 A	21-11-2000 08-01-2004 03-06-2004 14-07-1999 16-07-2004 21-05-2004 19-10-1999 20-09-1999
GB 2072102	A 30-09-1981	DE FR SE SE	3010848 A1 2478850 A1 443256 B 8101704 A	01-10-1981 25-09-1981 17-02-1986 22-09-1981
US 2003086740	A1 08-05-2003	JP	2003141639 A	16-05-2003
EP 0834828	A 08-04-1998	CN DE DE EP JP US	1178938 A ,C 69727875 D1 69727875 T2 0834828 A2 10119391 A 5911527 A	15-04-1998 08-04-2004 20-01-2005 08-04-1998 12-05-1998 15-06-1999
EP 1198117	A 17-04-2002	JP CN EP TW	2002113854 A 1347810-A 1198117 A2 492924 B	16-04-2002 08-05-2002 17-04-2002 01-07-2002

Form PCT/ISA/210 (patent family annex) (January 2004)

**BEST AVAILABLE COPY**